

# MATERIAL SAFETY DATA SHEET

DATE: 02/18/05

Revision #7

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## Section 1

For Chemical Emergency

Only:

PACER TECHNOLOGY

In the US & Canada

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## PRODUCT IDENTIFICATION: RATING

## HAZARD

90 Second Instant Epoxy - Part A: Resin

1  
2 x 0

## Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components  
%

OSHA

ACGIH

OTHER

(Common Names, CAS Number)

PEL

TLV

LIMITS

### OPTION

Epoxy Resins (Trade Secret)

\* Chemical subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

## Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point:

>225F

Specific Gravity (H2O=1):

1.1

Vapor Density (Air=1):

>1

Melting Point:

NE

Vapor Pressure (mm Hg): NE

Evaporation Rate (Butyl Acetate = 1):

<1

Solubility in Water: Negligible

Appearance & Odor: Light yellow to clear colored viscous liquid with moderate odor.

## Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method Used): >200 F (PMCC)

Flammable Limits: LEL: NA

UEL: NA

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Do not enter confined fire space without full bunker gear (helmet/face shield, bunker coat, gloves & rubber boots). Use positive pressure NIOSH-approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: Do not breathe fumes. Unidentified fumes & vapors may be toxic.

#### **Section 5 - REACTIVITY DATA:**

Stability: Unstable \_\_\_ Stable XX

Conditions to Avoid: Keep away from open flames & high temperatures.

Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids and bases.

Hazardous Decomposition Products: Thermal decomposition or burning may release oxides of carbon and other toxic gases or vapors.

Hazardous Polymerization: May Occur \_\_\_ May Not Occur XX

#### **Section 6 - HEALTH HAZARD DATA:**

Route(s) of Entry: Inhalation: YES Skin: YES Ingestion: YES

Health Hazards (Acute and Chronic):

Product moderately irritating to eyes, skin; contact with product at elevated temperatures can result in thermal burns; may cause skin sensitization; moderately toxic by ingestion – may be harmful; unlikely to be inhalation hazard due to low volatility.

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Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

Signs and Symptoms of Exposure & First Aid Procedures:

Eye contact - Irritation: flush eyes with copious amounts of water for 15 min. while holding eyes open. Get medical attention immediately.

Skin contact - Irritation/rash: remove contaminated clothing and wash with soap/water. Get medical attention if symptoms persist (contaminated leather articles i.e. shoes should be disposed of as contaminated waste). NOTE: hot product burns require immediate medical attention. Wash contaminated clothing before reuse.

Inhalation - Remove to fresh air and provide oxygen if breathing is difficult. Get medical attention.

Ingestion - Do not induce vomiting. Give large doses of water & get medical attention.

#### **Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:**

Steps to Be Taken in Case Material is Released or Spilled: Void contact with liquid and vapors. Use cautious judgment when cleaning up large spills. Prevent contamination of

soil, drains and surface waters. Respirator and protective equipment as appropriate. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

Waste Disposal Method: Dispose of according to federal, state and local regulations.

Precautions to Be Taken in Handling and Storing: Store in cool, dry place away from open flames and high temperatures.

Other Precautions: Empty containers may contain product residues and should be disposed of properly.

### **Section 8 - CONTROL MEASURES:**

Respiratory Protection (Specify Type): Organic vapor respirator in areas with poor ventilation.

Ventilation: Local Exhaust: Good                      Mechanical (General): As needed.

Protective Clothing or Equipment: Safety glasses/goggles with side shields; prolonged exposure requires chemically resistant gloves and other protective equipment to avoid direct contact.

Work/Hygienic Practices: Avoid contact with eyes or skin. May cause allergic skin reaction. Use in well ventilated area. Wash hands with soap and water after product use. Launder contaminated clothing before reuse and disposed of leather articles as contaminated waste.

### **Section 9 – TRANSPORT INFORMATION:**

Proper shipping name: not regulated

UN/Air/Sea/Rail: unrestricted

NA = Not applicable

NE = Not established

The data contained herein is based upon information that Pacer Technology believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

### **MATERIAL SAFETY DATA SHEET**

DATE: 08/13/04